Turbomachinery and Propulsion Systems Division

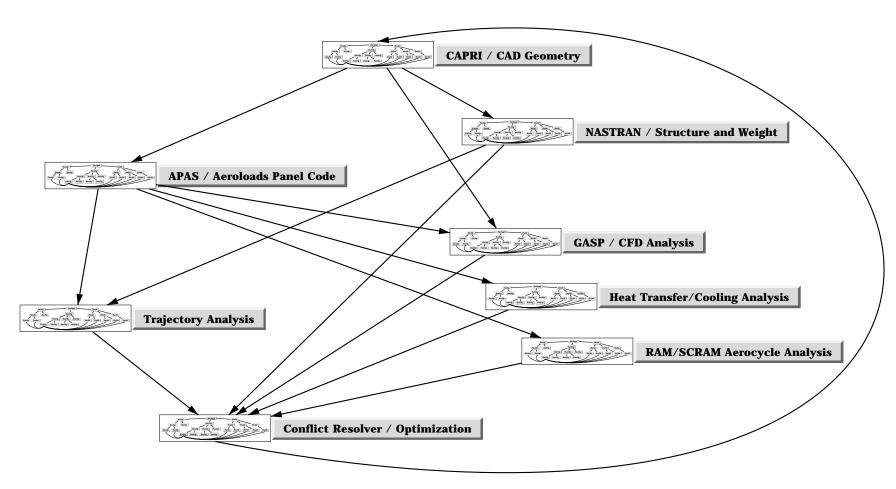
National Aeronautics and Space Administration

Engine Systems Technology Branch

Lewis Research Center Cleveland, Ohio 44135

Unclassified





Approximate Rocket-Based Combined Cycle Engineering Solution Flow Coordinated Automatic Recirculation of Design Feedback